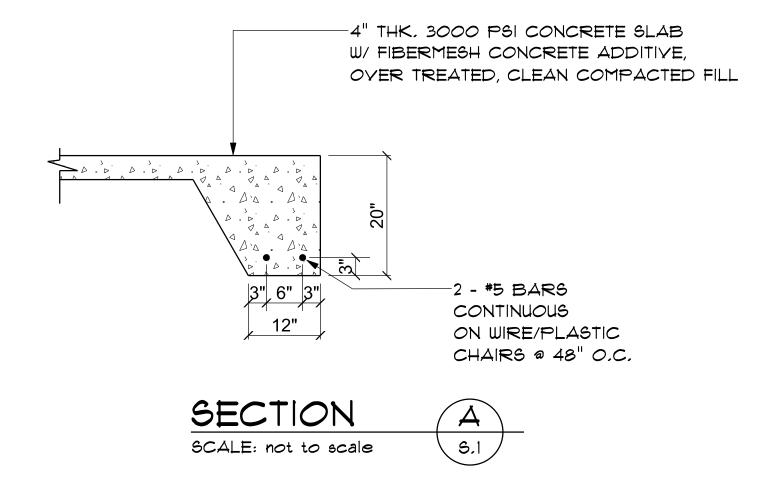
CONCRETE / MASONRY / METALS GENERAL NOTES:

- 1. DESIGN SOIL BEARING PRESSURE: 1500 PSF.
- 2. EXPANSIVE SOILS: WHERE DIRECTED BY THE SOILS ENGINEER, SOIL AUGMENTATION PER THE SOILS ENGINEER'S SPECIFICATIONS SHALL BE IMPLEMENTED PRIOR TO PLACING ANY FOUNDATIONS TESTS AS SPECIFIED SHALL BE PREFORMED TO DETERMINE THE SUITABILITY OF THE SUB-GRADE TO SUPPORT THE DESIGN LOADS.
- 3. CLEAN SAND FILL OVER STRIPPED AND COMPACTED EXISTING GD. SHALL BE PLACED IN 12" LIFTS, BOTH SUB-SOIL AND FILL COMPACTION SHALL BE NOT LESS THAN 98% AS MEASURED BY A MODIFIED PROCTOR TEST AT THE RATE OF ONE TEST FOR EACH 1500 SF OF BUILDING PAD AREA, OR FRACTION THEREOF, FOR EACH 12" LIFT.
- 4. REINFORCING STEEL SHALL BE GRADE 60 AND MEET THE REQUIRE-MENTS OF ASTM A615, ALL BENDS SHALL BE MADE COLD.
- 5. WELDED WIRE MESH SLAB REINFORCING SHALL MEET THE REQUIRE-MENTS OF ASTM A185 - MIN. YEILD STRESS = 85 KSI.
- 6. CONCRETE SHALL BE STANDARD MIX F'C = 3000 PSI FOR ALL FTGS, SLABS, COLUMNS AND BEAMS OR SHALL BE STANDARD PUMP MIX F'C = 3000 PSI. STRENGTH SHALL BE ATTAINED WITHIN 28 DAYS OF PLACEMENT. MIXING, PLACING AND FINISHING SHALL BE AS PER ACI STANDARDS.
- 7. CONCRETE BLOCK SHALL BE AS PER MANUFACTURER'S PRODUCT GUIDE FOR ASTM C-90 REQUIREMENTS WITH MEDIUM SURFACE FINISH F'm = 1500 PSI.
- 8. MORTAR SHALL BE TYPE "M" OR "N" FOR ALL MASONRY UNITS.
- 9. STRUCTURAL STEEL SHALL CONFORM TO ASTM A36 STANDARDS FOR STRENGTH, BOLTS SHALL BE ASTM A307 / GRADE 1 OR A325, AS PER PLAN REQUIREMENTS.
- 10. WELDS SHALL BE AS PER "AMERICAN WELDING SOCIETY" STANDARDS FOR STRUCTURAL STEEL APPLICATIONS.



NOTE:
THE DESIGN WIND SPEED FOR THIS
PROJECT IS 130 MPH PER FBC 1609
AND LOCAL JURISDICTION REQUIREMENTS

NOTE:
ADDED FILL SHALL BE APPLIED IN 8" LIFTS EA, LIFT SHALL BE CONPACTED TO 98% DRY
COMPACTION PER THE "MODIFIED PROCTOR"
METHOD.

NOTE:
PROVIDE A MINIMUM OF TWO OPENINGS HAVING A TOTAL NET AREA
OF NOT LESS THAN ONE SQUARE INCH FOR EVERY SQUARE FOOT OF
ENCLOSED AREA SUBJECT TO FLOODING

NOTE: THE PROJECT IS DESIGNED IN ACCORDANCE WITH ASCE 24 REVISIONS
Feb. 6th. 2023

44'-0" 29'-8" 14'-4" 10'-0" 10'-0" 9'-8" -----: ,-----12" x 12" EDGE FOOTING W/ (2) #5 REBAR CONTINIOUS @ EDGE OF PORCH 4" STEP DOWN (3) #5 REBAR @ 60"-EMBED N SLAB AT 노=== # INTERIOR 90deg CORNERS 4'-6" 2'-5" 2'-7" 4" SMOOTH STEELED TROWLLED CONC. SLAB, 8'-6" 1'-8" | 2'-10" W/ FIBERMESH REINFORCING, OVER 6 MIL 3'-4" PLASTIC SHEETING, ON CLEAN, WELL COMPACTED SAND FILL, TERMITE TREATED 14'-2" 2" RECESSED SLAB-@ SHOWER LAP EDGES OF 6 MIL VAPOR BARRIER MIN, 6" -SEAL ALL JOINTS, TEARS AND PIPING PENETRATIONS WITH DUCT TAPE د ____ئ ا بات ___ ع PROVIDE A 20"d X 12"w X CONTINIOUS CONCRETE-FOOTING W/ 2 #5 REBAR, BOTTOM ON WIRE OR PLASTIC CHAIRS @ 48" O.C. - UNDER ALL PERIMETER WALLS OF HOUSE. 4" STEP DOWN -12" \times 12" EDGE FOOTING w/(2) #5 REBAR CONTINIOUS @ EDGE OF PORCH 8'-0" 8'-0" 14'-0" 16'-0" 14'-0" 44'-0"

FOUNDATION PLAN
SCALE: 1/4" = 1'-0"

NICHOLAS
PAUL
GEISLER
Lake City, FL 32055

MODEI

MAGN(

THE COLUMBIA

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SHEET NUMBER

S.1
OF 4 SHEETS

